

CRF Errors Corrected by the STIC Systems Branch

0570
0704 OIPE
4/10/2002
#4
CRF Processing Date:
Edited by:
Verified by: (STIC staff)

Serial Number: 10/000, 256A

ENTERED

- Changed a file from non-ASCII to ASCII
- Changed the margins in cases where the sequence text was "wrapped" down to the next line.
- Edited a format error in the Current Application Data section, specifically:
- Edited the Current Application Data section with the actual current number. The number inputted by the applicant was the prior application data; or other _____.
- Added the mandatory heading and subheadings for "Current Application Data".
- Edited the "Number of Sequences" field. The applicant spelled out a number instead of using an integer.
- Changed the spelling of a mandatory field (the headings or subheadings), specifically:
- Corrected the SEQ ID NO when obviously incorrect. The sequence numbers that were edited were:
- Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited:
- Corrected subheading placement. All responses must be on the same line as each subheading. If the applicant placed a response below the subheading, this was moved to its appropriate place.
- Inserted colons after headings/subheadings. Headings edited included:
- Deleted extra, invalid, headings used by an applicant, specifically:
- Deleted: non-ASCII "garbage" at the beginning/end of files; secretary initials/filename at end of file; page numbers throughout text; other invalid text, such as _____.
- Inserted mandatory headings, specifically:
- Corrected an obvious error in the response, specifically:
- Edited identifiers where upper case is used but lower case is required, or vice versa.
- Corrected an error in the Number of Sequences field, specifically:
- A "Hard Page Break" code was inserted by the applicant. All occurrences had to be deleted.
- Deleted **ending** stop codon in amino acid sequences and adjusted the "(A)Length:" field accordingly (error due to a PatentIn bug). Sequences corrected: _____
- Other:

* Examiner: The above corrections must be communicated to the applicant in the first Office Action. DO NOT send a copy of this form.

3/1/95



OIPE

RAW SEQUENCE LISTING DATE: 04/10/2002
PATENT APPLICATION: US/10/000,256A **TIME:** 09:30:23

Input Set : A:\PTO.AMC.txt
Output Set: N:\CRF3\04102002\J000256A.raw

3 <110> APPLICANT: Sun, Yongming
4 Recipon, Herve
5 Chen, Sei-Yu
6 Liu, Chenghua
8 <120> TITLE OF INVENTION: Compositions and Methods Relating to Prostate Specific Genes
and Proteins
10 <130> FILE REFERENCE: DEX-0259
12 <140> CURRENT APPLICATION NUMBER: 10/000,256A
13 <141> CURRENT FILING DATE: 2001-11-01
15 <150> PRIOR APPLICATION NUMBER: 60/244,782
16 <151> PRIOR FILING DATE: 2000-11-01
18 <160> NUMBER OF SEQ ID NOS: 240
20 <170> SOFTWARE: PatentIn version 3.1
22 <210> SEQ ID NO: 1
23 <211> LENGTH: 55
24 <212> TYPE: DNA
25 <213> ORGANISM: Homo sapien
27 <400> SEQUENCE: 1
28 catttaattt gcttggccca agcaactcat ctcaaatact aaatccaaaa gaaaaa 55
31 <210> SEQ ID NO: 2
32 <211> LENGTH: 380
33 <212> TYPE: DNA
34 <213> ORGANISM: Homo sapien
36 <400> SEQUENCE: 2
37 caacgaacta gatgagaactg agaggaactg gaagaagggt cagatgaaag tgagatccat 60
39 acatccttct tcagcaactt gtgcctctgc tctgcaccc tcactgaaaa 120
41 aagaacacag cttcacaaaa gagattgtaa aatcaggaag tatatctaag tcacccctcag 180
43 tagccgtaac totacccttg ccagtaaaag gtgatgcatt acaaaaagttg accctttaaa 240
45 agaaaatttg cttgatttaa catatgaaga tgctcccttt tctctctgaa gcaagagaaaa 300
47 caattgtctc tcccttctgc tctttaatct gtcatctgca cattttact gcgaattaag 360
49 aataaacgtt ttaaaaatata 380
52 <210> SEQ ID NO: 3
53 <211> LENGTH: 377
54 <212> TYPE: DNA
55 <213> ORGANISM: Homo sapien
57 <400> SEQUENCE: 3
58 ctagaggatc caagctcgga attcggtctg agatacagga taaagactct gttAACATGG 60
60 tgactctgca gatgccttct gtggcagctc agacctcatt aactaacagt gcgttccaag 120
62 cagagagcaa attagccatt gtgagccagc ctgttgcag aagttcagtc tcagcagata 180
64 gtagaatttg cacagaataa aaaccatatg aatgcagtga atgtggtagt gctttcagtg 240
66 atcaattaca tcatatgtca caaaaaacac agaggaacaa actgatataat tcaaggtgga 300
68 aagcccttga ataaaaacctt atggctaata agcatatact cagagaaaa tagtatgaag 360
70 tggagactgg gaaattc 377
73 <210> SEQ ID NO: 4

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/000,256A

DATE: 04/10/2002

TIME: 09:30:23

Input Set : A:\PTO.AMC.txt

Output Set: N:\CRF3\04102002\J000256A.raw

74 <211> LENGTH: 1044
 75 <212> TYPE: DNA
 76 <213> ORGANISM: Homo sapien
 78 <400> SEQUENCE: 4

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81	tgactctgca gatgccttct gtggcagctc agacccatt aactaacagt	gcgttccaag	120
83	cagagagcaa agtagccatt gtgagccagc ctgttgcag aagttcagtc	tcagcagata	180
85	gtagaatttg cacagaataa aaaccatatg aatgcagtga atgtggtagt	gcttcagtg	240
87	atcaattaca tcataatgtca caaaaaacac agaggaacaa actgatatat	tcaaggtgga	300
89	aagcccttga ataaaacctt atggctaata agcatataact cagagaaaaa	tagtatgaag	360
91	tggagactgg gaaattcttt tatgggaaga tagatcttct catcagtgac	catagatcac	420
93	atcttcagtg agcttatagt tggtagaaat ataatgatca tggaaaagtc	cttggtcaga	480
95	aacagtacgc cagtaggtat cagggggttt acacaggaga gaaactttt	gaagaccttt	540
97	gaaggctatg aatgtgcag gtttgcgtat ggtacattct gccttatct	cagagggaat	600
99	catatagaaa taaaactatg aaaatgtaac tagaaacatct tcataaaat	atgaaagaac	660
101	acacgaagca aataagccct gtgaaaagga gtatttaga gatttcgatc	agaaatctaa	720
103	catcattata tggcagataa tatacaggat gtgtatttt ggacaatata	ccttgaatca	780
105	ctagttgata tgtcaatgac taattaaaag ggggtgtcag tggtacacat	cattggtaa	840
107	atttatagca cagtgtaccc ttccccccctt ttgtgataag agtcttctat	tcccaaccaa	900
109	gatcgttata tgattagctc ttgtgtttctt tgattccaa atttcttcac	ttgttatttc	960
111	agactactga agctctcaa aaggaaaaat gtatttaatt taataatgt	acacaacaag	1020
113	tttggatgtg tttaacttta taaa		1044
116	<210> SEQ ID NO: 5		
117	<211> LENGTH: 432		
118	<212> TYPE: DNA		
119	<213> ORGANISM: Homo sapien		
121	<400> SEQUENCE: 5		
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124	ctaaactttttt ctgggtccctt caggaactag ggtcttatgc tggaaatatg	gatttatgtt	120
126	tctgtatgca ttatgtata tctttcatct gtataatgag tttatgtatc	tgttatctct	180
128	atataaaactc ctcctatttt ttatttctt tttttttctt tttttttgtt	tttttaacttt	240
130	tcaaaaaatg aagcactaga cagggactta gggactggc cttagggacag	agagattccc	300
132	attttggcat tttaaccttc caattaaagg taataaaaga gtacattta	gcaaagaggg	360
134	gatatttaag gatctgatac cagagagacc ctaaactttc atcttggta	ccccaaacccc	420
136	ttcttaggtga aa		432
139	<210> SEQ ID NO: 6		
140	<211> LENGTH: 573		
141	<212> TYPE: DNA		
142	<213> ORGANISM: Homo sapien		
144	<400> SEQUENCE: 6		
145	aaaaaaaaaaa aagagcaaca tctgtataaa gaaaagaaaa tattttgat	tatctcaaag	60
147	ctaaactttttt ctgggtccccc tcaggaacta gggctttatg ctggaaatat	ggatttatgt	120
149	ttctgtatgc atttatgtat atctttcatc gtataatga gtgtatgtat	ctgttatctc	180
151	tatataaaact ctcctatttt gttatttctt tttttttcc tttttttgtt	tttttaactt	240
153	ttcagaaaaat gaagcactag acagggactt agggactgg cctagggaca	gagagattcc	300
155	cattttggca tttaacctt ccaataaggg taataaaaga gtacattta	gcaaagaggg	360
157	gatatttaag gatctgatac cagagagacc ctaaactttc atcttggta	ccccaaacccc	420
159	ttcttaggtga aagatggtca agcatatgttga tttaaaaagta tggttattt	cccgattca	480
161	taatttactg gccataatcc tgagcaagtc catttatatt tctggtgcc	cagttatcta	540

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163	taacatgggg ctaatcataa tacctgagag gac	573
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167	<211> LENGTH: 581	
168	<212> TYPE: DNA	
169	<213> ORGANISM: Homo sapien	
171	<400> SEQUENCE: 7	
172	aaaaaaaaaa aagagaaca tctggtataa agaaaagaaa atattttgg attatctcaa	60
174	agctaacttt ttctgggttc cctcaggAAC taggtctta tgctgggaa tatggattta	120
176	tgtattctgg tatgcattta tgtatatctt tcatactggta taatggagtg gtatgtatct	180
178	ggttatctct atataaaactc ctccatttgg ttatttcctt ttctttccct ttttgggttt	240
180	tttaacttcc cagaaaatga agcactagac agggacttag gggactgggc cttagggacag	300
182	agagattccc attttggcat tttaaccttc caataagggt aataaaaagag tagcatttag	360
184	caaagagggg atatttagga tctgatacca gagagaccct aaactttcat ctgggtacc	420
186	ccaaacccctt ctatgtaaaa gatggtcaag catagtgatt aaaaagtatg gtttatttcc	480
188	cagattcata atttactggc cataatcctg agcaagtcca ttatatttc tggtgcctca	540
190	gttatctata acatggggct aatcataata cctgagagga c	581
193	<210> SEQ ID NO: 8	
194	<211> LENGTH: 61	
195	<212> TYPE: DNA	
196	<213> ORGANISM: Homo sapien	
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199	ccatcttaat ttcttgacag agttttcatg tattggata gtttccaaag ttccctttgg	60
201	t	61
204	<210> SEQ ID NO: 9	
205	<211> LENGTH: 725	
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212	<223> OTHER INFORMATION: n=a, c, g or t	
215	<220> FEATURE:	
216	<221> NAME/KEY: misc_feature	
217	<222> LOCATION: (421)..(421)	
218	<223> OTHER INFORMATION: n=a, c, g or t	
221	<400> SEQUENCE: 9	
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224	aatcgacaaa aaaacattgg atttaaactg aactctagac caaatggacc taacagacat	120
226	ttacagaaca gtttatctaa cacctacaga ctatacatTC ttctcatcag catgtggAAC	180
228	attctccagg atagaccata tgtaagcca caaaaacaagt ctcaacaaat ttttaaaaat	240
230	tggaatcata caaagtatct tctcagacca caagagaata aaactagaaa tccataccaa	300
232	gaggaacttt ggaaactata caaatacatg gaagttaaac atgctctga ataactattg	360
234	ggtcaatgaa gaaattaaga tgaaaattt aaaaatttctt aaaacaatag aaatggaaac	420
236	ncAACATACC aaaacatgtg ggatacagca agagctatgg caagagggAA tcttacagTA	480
238	ataaaatgcct acatcaaaaa agtggtagaa atattttaaa taaaaattt atcaatgcac	540
240	ctcaaggaac tagaaaaagca aaaacaaacc aatccccaaa gtagcagaca gaaagaaata	600
242	atgaagagca gagcagacca aatgaaaca gacaaaaaac aatacaaagg gtcaatgaaa	660
244	tgaaaagttg ttcttcaaa aagataaaaca aaattgataa cccactagca taattaacca	720
246	agaaa	725

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335	gaactacttg	gactattatt	tctttccaat	tttctcttaa	atcaatcatg	taccaactca	180
337	ggctggttac	tctcttcaa	atacatatga	aaggagccat	cccattgaaa	ttgtttactg	240
339	atgtgctgtg	taaacgttgg	tccacaaaaaag	agacccacca	gatggggagga	gaagccgacc	300
341	caggccacgc	ccagagagag	cagctgggga	cctggggccgg	gattgggaag	aaagtctgtcc	360
343	aaagagcaag	gccaggaccc	gcactgtcg	gtgggagatgg	ggggctctgt	ctctctgccc	420
345	tgccaccagg	cctccctccc	atgacggtcc	acccctgccc	gaaccaccc	cgcctccca	480
347	cccccacccc	tgctccctc	ggctcttacc	acctgccc	ccctcttagt	tctctctetc	540
349	ctacgaaggg	ttctctctgc	tcccttggaa	cctcttattac	tggcagctgc	ccggggcctt	600
351	cctgggggac	aaggtaacaa	ggatttgggg	ggattatagg	ggtgtcatag	aatcccaaaa	660
353	tatcagaggg	cccttgtca	aggccctta	tgacacaaat	ggggagaccc	aggctcacgg	720
355	tggtagaga	cttgcttggg	gtctcatgtt	caggtcagag	cacagcttag	actgaactca	780
357	gctctcccc	tgtccttcag	cgggacctga	cccctgaccc	tggcgcctga	cccctgtcag	840
359	aggagctgtc	tcgccttggg	gggtttc				867
362	<210>	SEQ ID NO:	13				
363	<211>	LENGTH:	1300				
364	<212>	TYPE:	DNA				
365	<213>	ORGANISM:	Homo sapien				
367	<400>	SEQUENCE:	13				
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370	gcacctaacc	atccggat	cccgctagct	caggagtaca	agaggcatgt	gtacaaggg	120
372	ccagagtgcc	aggtatcagc	acttgtgagc	agacagtca	gagcgggtgg	ctgctggc	180
374	ccttggggag	gtgaagcg	acggacgtcc	ttcctgtcc	cttctctgt	ctctgtctgc	240
376	ccgtcttcg	ggctcttgg	cccccaggtg	gacgaggctc	agagccggat	gatgctgag	300
378	atctggcagc	tcctgtccag	ctttgtctgc	ctacccaa	cccctccca	gggctctct	360
380	ccgcatcccc	agcctgcagc	tgctctgcga	gcagcaccc	ctccttc	ttcctctcc	420
382	tcctccttc	cctcagcttc	tctgtcttc	tcaccaggct	ctcaggat	tgccaagg	480
384	cccatcaagg	gatccccacc	caccatgctt	tctagacttc	agtcatttct	gaaccaactt	540
386	caccaatttc	tgtgaactac	ttggactatt	attttttcc	aattttctct	taatcaatc	600
388	atgtaccaac	tcaggctgg	tactctctt	caaatacata	tgaaaggagc	catccattg	660
390	aaattgttta	ctgatgtgt	gtgtaaacgt	tggccacaa	aagagaccc	ccagatggg	720
392	ggagaagccg	acccaggcca	cggccagaga	gagcagctgg	ggacctggc	cggatttgg	780
394	aagaaaagt	tccaaagagc	aaggccagga	cccgactgt	cgggtggag	tgggggctc	840
396	tgtctctctg	ccctgccacc	aggccctcc	cccatgacgg	tccacccctg	ccggaccac	900
398	ctccgcctcc	ccacccccc	ccctgtctcc	ctcgctctt	accacgtcc	tttccctct	960
400	agttctctct	ctcctacgaa	gcttctctc	tgcttctgg	aaggctctat	tactggcagc	1020
402	tgccccgggc	tttccttggg	gacaaggtaa	caaggattt	gggggattat	aggggtgtca	1080
404	tagaatccca	aaatatcaga	ggccctt	tcaaggcc	ttatgacaca	aatggggaga	1140
406	ccgaggctca	cgggtggtag	agacttgct	gggtctcat	ttcaggat	gagcacagct	1200
408	gagactgaac	tca	ccctgtcc	cagcggacc	tgacccctga	ccctggcgcc	1260
410	tgacccctgt	cagaggagct	gtctcgctg	ggagggtttc			1300
413	<210>	SEQ ID NO:	14				
414	<211>	LENGTH:	183				
415	<212>	TYPE:	DNA				
416	<213>	ORGANISM:	Homo sapien				
418	<400>	SEQUENCE:	14				
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421	gttcccttc	attgttc	ctcattccac	cccatcagca	cgtctaccc	catcagcatg	120
423	tgcacttgc	acgtgccat	tgcaagagca	tttggat	cagagaagat	ccaaagaat	180

Use of n and/or Xaa has been detected in the Sequence Listing.
 Review the Sequence Listing to insure a corresponding explanation is presented in the <220> to <223> fields of each sequence using n or Xaa.

VERIFICATION SUMMARY
PATENT APPLICATION: US/10/000,256A

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Input Set : A:\PTO.AMC.txt
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L:222 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:9
L:236 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:9
L:275 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:10
L:277 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:10
L:312 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:11
L:314 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:11
L:557 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:16
L:559 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:16
L:1064 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:29
L:1066 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:29
L:1074 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:29
L:1152 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:31
L:1257 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:34
L:1422 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:41
L:1584 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:45
L:1624 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:47
L:1632 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:47
L:1761 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:52
L:1763 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:52
L:1765 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:52
L:1767 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:52
L:1796 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:53
L:1833 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:54
L:1835 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:54
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L:1858 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:55
L:1860 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:55
L:1862 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:55
L:1966 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:57
L:2068 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:61
L:2107 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:62
L:2119 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:62
L:2121 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:62
L:2162 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:63
L:2164 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:63
L:2217 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:64
L:2219 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:64
L:2339 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:68
L:2341 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:68
L:2343 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:68
L:2378 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:69
L:2413 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:70
L:2503 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:74
L:2505 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:74
L:2558 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:77
L:2560 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:77
L:2659 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:80
L:2661 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:80

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L:2663 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:80

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